Due to overwhelming response, UMAG is organising two additional Digital Craftsmanship Workshops with Tobias Klein. Please note that this workshop was offered previously on 20 June, 21 June and 27 June 2020.

As part of the exhibition *Metamorphosis or Confrontation*, the artist Tobias Klein will host a series of workshops with a focus on 3D scanning and printing. Participants will scan found objects, digitally alter and design the scanned forms, and then 3D print the results.

The Workshop – *Digital Craftsmanship* – will allow individuals to investigate motifs, contemporary forms, and 3D printable ornaments based on 3D scans of the museum’s ceramic artifacts. This scanning work will then lead to discussions concerned with critical issues of contemporary design, including artificial biology, generative design, hybrid forms, and narratives.

Participants will use state of the art structured light scanning equipment and photogrammetry-based methods to create 3D models that explore the full digital manufacturing process, translating the values, concepts, and ideas of each object into a contemporary 3D printed form.
### Session Information

<table>
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<tr>
<th>Class</th>
<th>Session 1</th>
<th>Date</th>
<th>Time</th>
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<td>A</td>
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<td>Saturday, 18 July 2020</td>
<td>2:00pm-5:00pm</td>
<td>Introduction to 3D Printing and 3D Scanning</td>
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<td>Touch up and Conclusion</td>
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<td>B</td>
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**Venue:** Workshop Room, G/F Fung Ping Shan Building, University Museum and Art Gallery, HKU, 90 Bonham Road, Pokfulam

**Cost:** HK$200 per person

**Audience and Limit:** Aged 18 or above, maximum 8 people per class

**Language:** English

**Materials:** All printing materials will be provided. Participants are required to bring their own laptop to class. A software is required to be downloaded prior to the class, more information will be available when closer to date.

**Note:** Participants are required to attend ALL sessions.

**Registration & Enquiries:** Registration opens from 10 June to 11 July (Class A) and 8 August 2020 (Class B) respectively. For enquiries, please contact Chelsea Choi: cchelsea@hku.hk / 2241 5509.

**Artist: Tobias Klein**

Born in Bonn, Germany, Tobias Klein is a German Artist/Architect. He is currently an Assistant Professor in the School of Creative Media at City University of Hong Kong.

Klein’s combined artistic and architectural works construct the emerging practice of Digital Craftsmanship, through which he has established an operational synthesis of digital and physical materials and tools as poetic (Poïesis) and technical (Technê) expressions. Klein’s works are based on the use of contemporary CAD/CAM technologies with site and culturally specific narratives, intuitive non-linear design processes, and historical cultural references.

His work has been exhibited internationally at the London Science Museum, the V&A, the Venice Architectural Biennale, the Science Gallery (Melbourne), the container (Tokyo), the Bellevue Arts Museum, the MoCA Taipei, and the Museum of Moscow and Museum of Vancouver. His works are also found in the permanent collection of China’s first 3D Print Museum in Shanghai, the Museum of Glass in Tacoma (USA), and the Antwerp Fashion Museum (MoMu).
[WORKSHOP] Digital Craftsmanship - 3D Printing, Scanning and Modeling
Application form

PARTICIPANT 1
Name on the HKID/Passport: Prof /Dr/Mr/Mrs/Ms* 
Telephone: __________________________ Email: __________________________
Are you a HKU Staff/Student? Yes 【 】 No 【 】

PARTICIPANT 2
Name on the HKID/Passport: Prof /Dr/Mr/Mrs/Ms* 
Telephone: __________________________ Email: __________________________
Are you a HKU Staff/Student? Yes 【 】 No 【 】

*Please delete as appropriate

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Payment Methods
【 】 Crossed cheque (No: __________________________) payable to the “The University of Hong Kong”.
Please send the application form and cheque to:
University Museum and Art Gallery, HKU, 90 Bonham Road, Pokfulam
Attn: Ms Chelsea Choi
Please label the envelop: [Workshop] Digital Craftsmanship

【 】 Cash. Please pay the cash in person to 2/F T.T. Tsui Building, UMAG during office hours, Mon–Fri 10:00 am – 5:30 pm except during lunchbreak at 1:00 pm –2:00 pm. PLEASE DO NOT MAIL CASH.
Important Notes

- Application will be accepted on a first-come, first-served basis;
- Each person/group can register for and participate in only one Digital Craftsmanship Workshop only.
- Incomplete/ Late applications will not be processed.
- Application or reservation by phone or by fax is not accepted.
- Application fee is not refundable or transferable, except in the event of the programme cancellation.
- UMAG shall have the right to make changes regarding the instructor, place and time of programme when necessary.
- Successful applicants will be contacted by phone or by email within 3 working days;
- If you submitted the application form but did not receive a reply within 5 working days, please email musnews@hku.hk or call 2241 5509 to check on the progress of your application.
- In case of dispute, the decision of UMAG is final.

Special Arrangement for Typhoons, Red/ Black Rainstorm Signal and Special Road/Transport Service Conditions

When Tropical Storm Warning Signal No. 8 (or a higher number) or the Black Rainstorm Warning Signal is hoisted or in force AT OR AFTER 11:00 am, classes commencing AT 2:00 pm will be CANCELLED automatically.

For classes already started:

(a) When Tropical Storm Warning Signal No. 8 or above is hoisted, the class will be suspended immediately.
(b) When Black Rainstorm Warning Signal is hoisted all classes will continue.

Should there be any special road and transport service conditions, UMAG will consider to cancel and postpone the class. Announcement will be made during 10:00 am – 11:00 am via email, phone or Whatsapp.

For classes already started: When an early closure is announced by UMAG, all classes will be cancelled automatically. Workshop fee will be refunded only if there are more than half of the class time left to the original finishing time.

Personal Data Collection Statement

You have the right to request access to and correction of personal data as stated in this form in accordance with Section 18, 22 and Principle 6 of Schedule 2 to the Personal Data (Privacy) Ordinance. The personal data provided in this form will be entered into the Museum's record.

* University Museum and Art Gallery reserves the right to request proof of age from the participants.

Notice of Filming and Photography

Please note that filming/photography will take place at the workshop for promotional purposes.

Enquiries

Enquiries about Typhoons and Black Rainstorm Signal re-arrangement or enquiries concerning the personal data collected in this form, including the request for access and corrections, should be addressed to Senior Communications officer, University Museum and Art Gallery, 90 Bonham Road, Pokfulam: elenac@hku.hk or 2241 5512 or Programme Officer chelsea@hku.hk or 2241 5509.